

Converting Colors

Hex(7BAC59)

Have a look what the booklet for
Hex(7BAC59) contains.

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Color

Hex(7BAC59)

Conversions

Conversions Part 1

Format	Color
Hex	7BAC59
RGB	123, 172, 89
RGB Percent	48%, 67%, 35%
CMY	0.5176, 0.3255, 0.6510
CMYK	0.28, 0.00, 0.48, 0.33
HSL	95°, 33%, 51%
HSV	95°, 48%, 67%
XYZ	24.7241, 34.4373, 14.7952
YIQ	147.8870, -2.5610, -36.2010

Conversions

Conversions Part 2

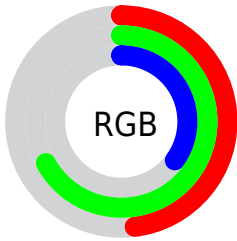
Format	Color
RYB	89, 172, 138
Decimal	8105049
CIELab	65.31, -31.29, 37.37
CIELCh	65, 48.736, 129.943
Yxy	34.4373, 0.3343, 0.4656
Android (android.graphics.Color)	4286295129 (0xFF7BAC59)
YUV	147.8870, -29.0313, -21.8259
Hunter-Lab	58.6833, -27.4912, 26.1302

Details

The Hex color **7BAC59** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8A59AC**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B1E48D**, and **477728** is the 20% darker color. If you saturate the color by 10%, you get **71AC48**, and if you desaturate by 10%, it is **85AC6A**.

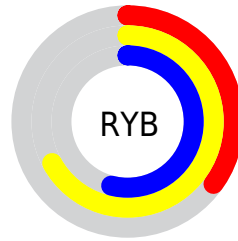
Distribution



Red (48%)

Green (67%)

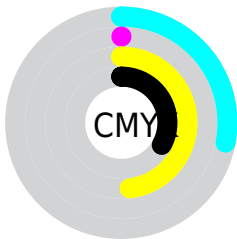
Blue (35%)



Red (35%)

Yellow (67%)

Blue (54%)

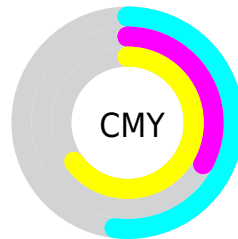


Cyan (28%)

Magenta (0%)

Yellow (48%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BAC59 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7BAC59 by changing the saturation by 10% instead.

 7BAC59

 7BAC59

FFFFFF

 619140

 B1E48D

 477728

 CEFFA7

 2D5E0E

 EAFFC3

 134600

 FFFFDF

 002F00

 FFFFFC

 001B00

 000000

 7BAC59

 7BAC59

 71AC48

 85AC6A

 67AC37

 8FAC7B

 5DAC25

 99AC8D

 52AC14

 A4AC9E

 48AC03

 AEACAF

 46AC00

 B8ACC0

 C2ACD1

 CCACE3

 D6ACF4

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AAA145



7BAC59



38B37F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7BAC59



00ABF0



F07992

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7BAC59



8A59AC

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DF7EBD



7BAC59



6E9EF4

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7BAC59



00B3D5



B58DE2



EA8269

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7BAC59



00B49D



B58DE2



EE79A0

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7BAC59



CEE0C1



AC8959



65705D



F0F0F0



707070

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7BAC59



94E05E



59AC60



52574E



3E9600



091700

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8A59AC



AB5EE0



AC59A5



534E57



590096



0E0017

Previews

White Background



This preview shows how the Hex color 7BAC59 looks on a white background.

Color Contrast Check

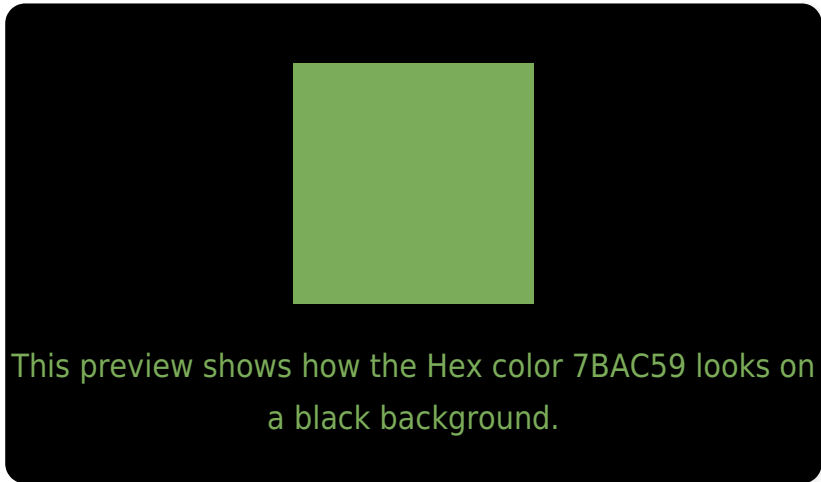
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7BAC59 Background



This preview shows how black text looks on a background with the Hex color 7BAC59.

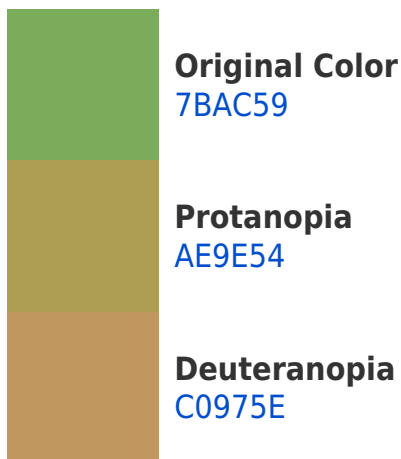


This preview shows how white text looks on a background with the Hex color 7BAC59.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

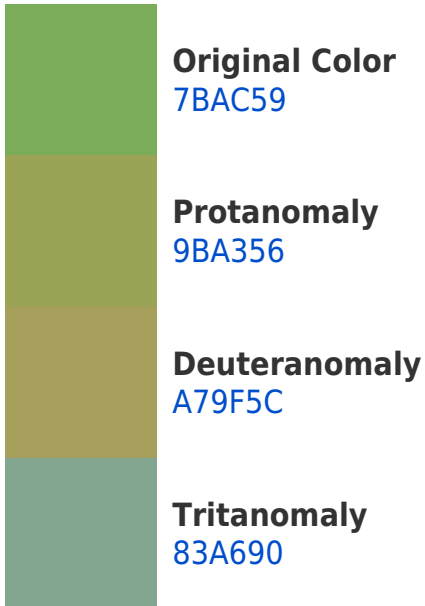
Dichromacy



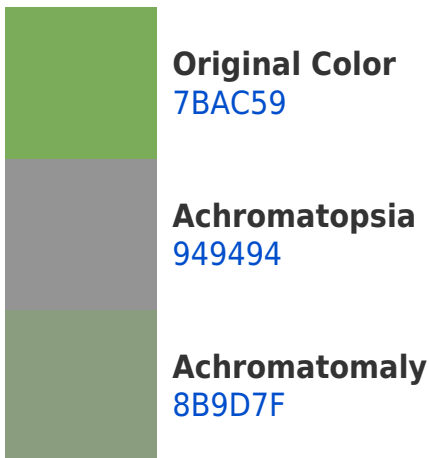


Tritanopia
88A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BAC59 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7BAC59 looks like.

```
.text, #text, p{  
    color:#7BAC59  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7BAC59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BAC59
}
```

Border

The CSS property to change the border of an element to Hex 7BAC59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7BAC59 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7BAC59 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7BAC59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BAC59; -webkit-box-shadow:4px 4px  
4px 4px #7BAC59; box-shadow:4px 4px 4px  
4px #7BAC59 }
```

Background

The CSS property to change the background color of an element to Hex 7BAC59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BAC59 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7BAC59 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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